

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC

P.O. Box 19928

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Facsimile: (703) 836-2787

Attorney Docket No.: 108964

Date: March 16, 2001

BOX PATENT APPLICATION

Customer Number: 25944

NONPROVISIONAL APPLICATION TRANSMITTAL **RULE §1.53(b)**

Director of the U.S. Patent and Trademark Office

Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title):

MAGNETORESISTIVE ELEMENT SUBSTRUCTURE, MAGNETORESISTIVE

ELEMENT AND MICRO DEVICE, AND METHODS OF MANUFACTURING SAME

By (Inventors):

Kazuki SATO, Noriaki KASAHARA and Koji SHIMAZAWA

	Formal drawings (Figs. <u>1A-33B</u> ; <u>18</u> sneets) are attached.	
	Use Figure for front page of Publication.	
:=,	A Declaration and Power of Attorney is filed herewith.	
	An assignment of the invention to <u>TDK CORPORATION</u> is filed herewith.	
	An Information Disclosure Statement is filed herewith.	
j 🗆	Entitlement to small entity status is hereby asserted.	
મેંતમે મેંતમે પંતામે પેતમો ————————————————————————————————————	A Preliminary Amendment is filed herewith.	
:	Please amend the specification by inserting before the first line the sentenceThis nonprovisional application claim	im
:======================================	the benefit of U.S. Provisional Application No, filed	
	Priority of foreign application No. 2000-077954 filed March 21, 2000 in JAPAN is claimed (35 U.S.C. §119).	
	A certified copy of the above corresponding foreign application is filed herewith.	
: T	This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certif	fie

that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	25 - 20	= 5
INDEP CLAIMS	= 3	
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED		

^{*} If the difference is less than zero, enter "0".

SMALL ENTITY		
RATE	FEE	<u>OR</u>
	\$ 355	<u>OR</u>
x 9=	\$	<u>OR</u>
x 40 =	\$	<u>OR</u>
+ 135 =	\$	<u>OR</u>
TOTAL	\$	<u>OR</u>
e filing fee is	attached Ex	cent a

OTHER THAN A SMALL ENTITY

OIVER BEITTER		
:	RATE	FEE
:		\$ 710
:	x 18	\$ 90
:	x 80	\$ 240
:	+ 270	\$
:	TOTAL	\$ 1040

Check No. 117196 in the amount of \$1,040.00 to cover the filing fee is attached. Except as otherwise noted \boxtimes herein, the Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

Registration No. 27

Joel S. Armstrong Registration No. 36,430

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Respactfully submitted,

James A. Oliff Registration No. 27,07

Joel S. Armstrong Registration No. 36,430